

## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 101552,381  
Source: EFWSP  
Date Processed by STIC: 10/20/06

***ENTERED***



IFWP

RAW SEQUENCE LISTING DATE: 10/20/2006  
 PATENT APPLICATION: US/10/552,381 TIME: 14:47:56

Input Set : A:\070820016U1.txt  
 Output Set: N:\CRF4\10202006\J552381.raw

4 <110> APPLICANT: BALDWIN, Graham S.  
 5 BARNHAM, Kevin J.  
 6 PANNNEQUIN, Julie  
 7 TANTIONGCO, John-Paul  
 8 SHULKES, Arthur  
 9 NORTON, Raymond S.  
 10 KOVAC, Suzana  
 11 HE, Hong  
 12 SHEEHAN, Brian P.  
 14 <120> TITLE OF INVENTION: Method of Treatment  
 16 <130> FILE REFERENCE: 07082.0016U1  
 18 <140> CURRENT APPLICATION NUMBER: 10/552,381  
 19 <141> CURRENT FILING DATE: 2005-10-07  
 21 <150> PRIOR APPLICATION NUMBER: PCT/AU2004/000474  
 22 <151> PRIOR FILING DATE: 2004-04-08  
 24 <150> PRIOR APPLICATION NUMBER: US 60/461083  
 25 <151> PRIOR FILING DATE: 2003-04-08  
 27 <160> NUMBER OF SEQ ID NOS: 19  
 29 <170> SOFTWARE: PatentIn version 3.1  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 80  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Homo sapiens  
 36 <400> SEQUENCE: 1  
 38 Ser Trp Lys Pro Arg Ser Gln Gln Pro Asp Ala Pro Leu Gly Thr Gly  
 39 1 5 10 15  
 42 Ala Asn Arg Asp Leu Glu Leu Pro Trp Leu Glu Gln Gln Gly Pro Ala  
 43 20 25 30  
 46 Ser His His Arg Arg Gln Leu Gly Pro Gln Gly Pro Pro His Leu Val  
 47 35 40 45  
 50 Ala Asp Pro Ser Lys Lys Gln Gly Pro Trp Leu Glu Glu Glu Glu  
 51 50 55 60  
 54 Ala Tyr Gly Trp Met Asp Phe Gly Arg Arg Ser Ala Glu Asp Glu Asn  
 55 65 70 75 80  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 7  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Homo sapiens  
 W--> 62 <400> SEQUENCE: 2  
 64 Glu Glu Glu Glu Ala Tyr  
 65 1 5  
 68 <210> SEQ ID NO: 3  
 69 <211> LENGTH: 7

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70 <212> TYPE: PRT  
71 <213> ORGANISM: Homo sapiens  
W--> 72 <400> SEQUENCE: 3  
74 Leu Glu Glu Glu Glu Ala  
75 1 5  
78 <210> SEQ ID NO: 4  
79 <211> LENGTH: 18  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Homo sapiens  
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83 <221> NAME/KEY: MISC\_FEATURE  
84 <222> LOCATION: (1)..(1)  
85 <223> OTHER INFORMATION: pyroglutamate  
88 <400> SEQUENCE: 4  
W--> 90 Xaa Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp  
91 1 5 10 15  
94 Phe Gly  
98 <210> SEQ ID NO: 5  
99 <211> LENGTH: 17  
100 <212> TYPE: PRT  
101 <213> ORGANISM: Homo sapiens  
W--> 102 <220> FEATURE:  
103 <221> NAME/KEY: MOD\_RES  
104 <222> LOCATION: (17)..(17)  
105 <223> OTHER INFORMATION: AMIDATION  
W--> 108 <220> FEATURE:  
109 <221> NAME/KEY: MISC\_FEATURE  
110 <222> LOCATION: (1)..(1)  
111 <223> OTHER INFORMATION: pyroglutamate  
114 <400> SEQUENCE: 5  
W--> 116 Xaa Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp  
117 1 5 10 15  
120 Phe  
124 <210> SEQ ID NO: 6  
125 <211> LENGTH: 4  
126 <212> TYPE: PRT  
127 <213> ORGANISM: Homo sapiens  
W--> 128 <220> FEATURE:  
129 <221> NAME/KEY: MISC\_FEATURE  
130 <222> LOCATION: (1)..(1)  
131 <223> OTHER INFORMATION: pyroglutamate  
134 <400> SEQUENCE: 6  
W--> 136 Xaa Gly Pro Trp  
137 1  
140 <210> SEQ ID NO: 7  
141 <211> LENGTH: 11  
142 <212> TYPE: PRT  
143 <213> ORGANISM: Homo sapiens  
W--> 144 <220> FEATURE:

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145 <221> NAME/KEY: MISC\_FEATURE  
146 <222> LOCATION: (1)..(1)  
147 <223> OTHER INFORMATION: pyroglutamate  
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153 1 5 10  
156 <210> SEQ ID NO: 8  
157 <211> LENGTH: 7  
158 <212> TYPE: PRT  
159 <213> ORGANISM: Homo sapiens  
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162 Tyr Gly Trp Met Asp Phe Gly  
163 1 5  
166 <210> SEQ ID NO: 9  
167 <211> LENGTH: 14  
168 <212> TYPE: PRT  
169 <213> ORGANISM: Homo sapiens  
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172 Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp Phe Gly  
173 1 5 10  
176 <210> SEQ ID NO: 10  
177 <211> LENGTH: 18  
178 <212> TYPE: PRT  
179 <213> ORGANISM: Artificial Sequence  
W--> 180 <220> FEATURE:  
181 <223> OTHER INFORMATION: Based on Human Ggly  
W--> 183 <220> FEATURE:  
184 <221> NAME/KEY: MISC\_FEATURE  
185 <222> LOCATION: (1)..(1)  
186 <223> OTHER INFORMATION: pyroglutamate  
189 <400> SEQUENCE: 10  
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192 1 5 10 15  
195 Phe Gly  
199 <210> SEQ ID NO: 11  
200 <211> LENGTH: 18  
201 <212> TYPE: PRT  
202 <213> ORGANISM: Artificial Sequence  
W--> 203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Based on Human Ggly  
W--> 206 <220> FEATURE:  
207 <221> NAME/KEY: MISC\_FEATURE  
208 <222> LOCATION: (1)..(1)  
209 <223> OTHER INFORMATION: pyroglutamate  
212 <400> SEQUENCE: 11  
W--> 214 Xaa Gly Pro Trp Leu Glu Ala Glu Glu Glu Ala Tyr Gly Trp Met Asp  
215 1 5 10 15  
218 Phe Gly  
222 <210> SEQ ID NO: 12

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Input Set : A:\070820016U1.txt  
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223 <211> LENGTH: 18  
224 <212> TYPE: PRT  
225 <213> ORGANISM: Artificial Sequence  
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227 <223> OTHER INFORMATION: Based on Human Ggly  
W--> 229 <220> FEATURE:  
230 <221> NAME/KEY: MISC\_FEATURE  
231 <222> LOCATION: (1)..(1)  
232 <223> OTHER INFORMATION: pyroglutamate  
235 <400> SEQUENCE: 12  
W--> 237 Xaa Gly Pro Trp Leu Glu Glu Ala Ala Ala Ala Tyr Gly Trp Met Asp  
238 1 5 10 15  
241 Phe Gly  
245 <210> SEQ ID NO: 13  
246 <211> LENGTH: 18  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Artificial Sequence  
W--> 249 <220> FEATURE:  
250 <223> OTHER INFORMATION: Based on Human Ggly  
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253 <221> NAME/KEY: MISC\_FEATURE  
254 <222> LOCATION: (1)..(1)  
255 <223> OTHER INFORMATION: pyroglutamate  
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261 1 5 10 15  
264 Phe Gly  
268 <210> SEQ ID NO: 14  
269 <211> LENGTH: 17  
270 <212> TYPE: PRT  
271 <213> ORGANISM: Artificial Sequence  
W--> 272 <220> FEATURE:  
273 <223> OTHER INFORMATION: Based on Human Gamide  
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276 <221> NAME/KEY: MISC\_FEATURE  
277 <222> LOCATION: (1)..(1)  
278 <223> OTHER INFORMATION: pyroglutamate  
W--> 281 <220> FEATURE:  
282 <221> NAME/KEY: MOD\_RES  
283 <222> LOCATION: (17)..(17)  
284 <223> OTHER INFORMATION: AMIDATION  
287 <400> SEQUENCE: 14  
W--> 289 Xaa Gly Pro Trp Leu Glu Ala Glu Glu Ala Tyr Gly Trp Met Asp  
290 1 5 10 15  
293 Phe  
297 <210> SEQ ID NO: 15  
298 <211> LENGTH: 17  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Artificial Sequence

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Input Set : A:\070820016U1.txt

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W--> 301 <220> FEATURE:  
302 <223> OTHER INFORMATION: Based on Human Ggly

W--> 304 <220> FEATURE:  
305 <221> NAME/KEY: MISC\_FEATURE  
306 <222> LOCATION: (1)..(1)  
307 <223> OTHER INFORMATION: pyroglutamate

W--> 310 <220> FEATURE:  
311 <221> NAME/KEY: MOD\_RES  
312 <222> LOCATION: (17)..(17)  
313 <223> OTHER INFORMATION: AMIDATION  
316 <400> SEQUENCE: 15

W--> 318 Xaa Gly Pro Trp Leu Glu Glu Ala Ala Glu Ala Tyr Gly Trp Met Asp  
319 1 5 10 15

322 Phe

326 <210> SEQ ID NO: 16

327 <211> LENGTH: 9

328 <212> TYPE: PRT

329 <213> ORGANISM: Artificial Sequence

W--> 330 <220> FEATURE:  
331 <223> OTHER INFORMATION: Based on Human Ggly  
333 <400> SEQUENCE: 16  
335 Leu Glu Glu Glu Glu Ala Tyr Gly  
336 1 5  
339 <210> SEQ ID NO: 17  
340 <211> LENGTH: 6  
341 <212> TYPE: PRT  
342 <213> ORGANISM: Artificial Sequence

W--> 343 <220> FEATURE:  
344 <223> OTHER INFORMATION: Based on Human Ggly  
346 <400> SEQUENCE: 17  
348 Leu Glu Glu Glu Glu Glu  
349 1 5  
352 <210> SEQ ID NO: 18  
353 <211> LENGTH: 6  
354 <212> TYPE: PRT  
355 <213> ORGANISM: Artificial Sequence

W--> 356 <220> FEATURE:  
357 <223> OTHER INFORMATION: Based on Human Ggly  
359 <400> SEQUENCE: 18  
361 Glu Glu Glu Glu Glu Ala  
362 1 5  
365 <210> SEQ ID NO: 19  
366 <211> LENGTH: 5  
367 <212> TYPE: PRT  
368 <213> ORGANISM: Artificial Sequence

W--> 369 <220> FEATURE:  
370 <223> OTHER INFORMATION: Based on Human Ggly  
372 <400> SEQUENCE: 19  
374 Glu Glu Glu Glu Glu

RAW SEQUENCE LISTING ERROR SUMMARY  
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Input Set : A:\070820016U1.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 1

Seq#:5; Xaa Pos. 1

Seq#:6; Xaa Pos. 1

Seq#:7; Xaa Pos. 1

Seq#:10; Xaa Pos. 1

Seq#:11; Xaa Pos. 1

Seq#:12; Xaa Pos. 1

Seq#:13; Xaa Pos. 1

Seq#:14; Xaa Pos. 1

Seq#:15; Xaa Pos. 1

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/552,381

DATE: 10/20/2006

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Input Set : A:\070820016U1.txt

Output Set: N:\CRF4\10202006\J552381.raw

L:62 M:283 W: Missing Blank Line separator, <400> field identifier  
L:72 M:283 W: Missing Blank Line separator, <400> field identifier  
L:82 M:283 W: Missing Blank Line separator, <220> field identifier  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:102 M:283 W: Missing Blank Line separator, <220> field identifier  
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:128 M:283 W: Missing Blank Line separator, <220> field identifier  
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:144 M:283 W: Missing Blank Line separator, <220> field identifier  
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:160 M:283 W: Missing Blank Line separator, <400> field identifier  
L:170 M:283 W: Missing Blank Line separator, <400> field identifier  
L:180 M:283 W: Missing Blank Line separator, <220> field identifier  
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:203 M:283 W: Missing Blank Line separator, <220> field identifier  
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:226 M:283 W: Missing Blank Line separator, <220> field identifier  
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:249 M:283 W: Missing Blank Line separator, <220> field identifier  
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:272 M:283 W: Missing Blank Line separator, <220> field identifier  
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:301 M:283 W: Missing Blank Line separator, <220> field identifier  
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:330 M:283 W: Missing Blank Line separator, <220> field identifier  
L:343 M:283 W: Missing Blank Line separator, <220> field identifier  
L:356 M:283 W: Missing Blank Line separator, <220> field identifier  
L:369 M:283 W: Missing Blank Line separator, <220> field identifier